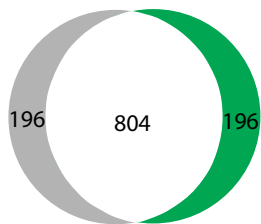
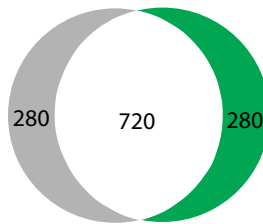


A Comparison of Genes Ranked by Network Connectivity and Differential Expression in the Zhou *et al* data set

Ingenuity Pathway Analysis of functional enrichments in the set of genes ranked within the top 1000 by Student's t-test and k_{ME} and yet do not overlap with each other. Venn diagrams show the amount of gene overlap in the top 1000 pluripotency genes and the 1000 genes most significantly down-regulated upon Oct4 RNAi (left) and gene overlap of the top 1000 differentiation genes and the 1000 genes most significantly up-regulated with Oct4 RNAi (right). Significance of expression change was determined by Student's t-statistic. p-values have been corrected for multiple hypothesis test (Benjamini-Hochberg).



Pluripotency



Differentiation

